maestro

MUS1

QUICK START GUIDE

THIS INSTALLATION REQUIRES AN IDATALINK MAESTRO RR MODULE SOLD SEPARATELY.

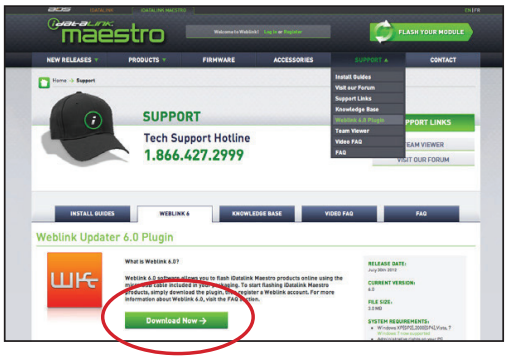
QSG201309

6 STEPS TO GET STARTED

1 INSTALL THE WEBLINK PLUG-IN

Go to:
idatalinkmaestro.com/plugin and follow the installation steps.

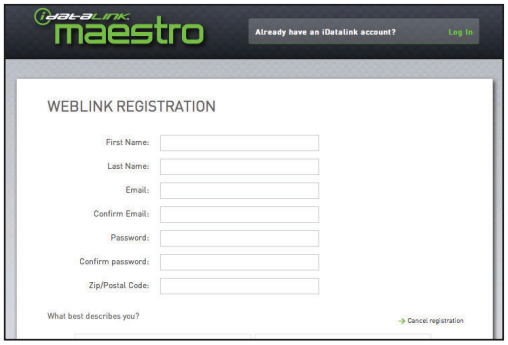
Review the System Requirements before installing.



2 REGISTER A WEBLINK ACCOUNT

Go to:
idatalinkmaestro.com/register and complete the registration process.

A confirmation email will be sent to you requiring validation.



3 CONNECT YOUR MAESTRO RR

Use the included USB cable to connect your Maestro RR module to your PC.

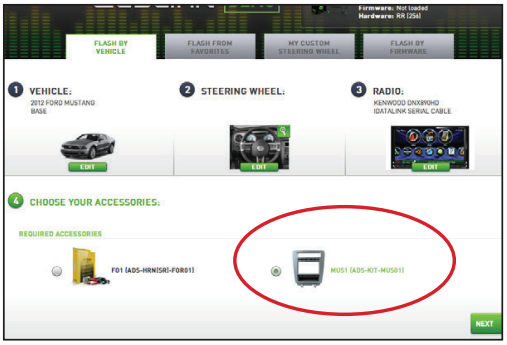
Maestro RR module required and sold separately.

NEED HELP?
877.212.6169

LOG INTO WEBLINK

4

Go to: **idatalinkmaestro.com/login**. Enter your username and password, then click OK.



PROGRAM YOUR MODULE

5

Follow the installation steps until your module is flashed and download your install guide from the Web.

Be sure to choose the MUS1 dash kit accessory in STEP 4.

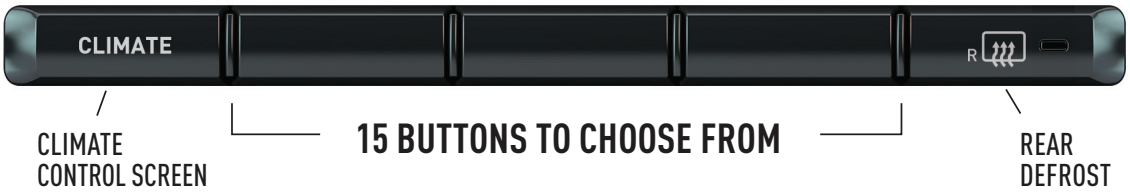
COMPLETE INSTALLATION

6

Follow the steps of the install guide for **Maestro RR with MUS1 Dash Kit** and complete the installation.

ADS recommends having this product installed by a certified technician.

USER-CONFIGURABLE BUTTON BAR




HEATED SEATS

COOLED SEATS

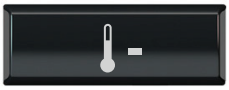
AIR CONDITIONING


FRONT DEFROST

MAX. AIR CONDITIONING


PERFORMANCE GAUGES SCREEN


INCREASE TEMPERATURE


DECREASE TEMPERATURE


INCREASE FAN SPEED


DECREASE FAN SPEED


VEHICLE INFORMATION SCREEN


GENERIC 1


GENERIC 2


GENERIC 3


BLANK

1 YEAR LIMITED WARRANTY

Automotive Data Solutions Inc. ("ADS") warrants to the original purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances, for the period of one (1) year as of the original date of purchase.

In the event of any product malfunction during the Warranty period, the original purchaser must return to the Authorized Dealer where it was originally purchased with the original proof of purchase. If a malfunction is detected, the Authorized Dealer will elect to repair or replace the product at its discretion. Labor costs may be applicable and are at the discretion of the Authorized Dealer.

ADS is not responsible for any damages whatsoever, including but not limited to any consequential damages, incidental damages for loss of time, loss of earnings, commercial loss of economic opportunity and the like that may or may not have resulted from the installation or operation of an iDatalink Maestro product.

AUTOMOTIVE DATA SOLUTIONS

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SELECT VEHICLE
PRINT PAGES NEEDED

HOW TO USE THIS INSTALL GUIDE

1. Open the Bookmarks menu and find your vehicle OR scroll down until you find the install guide for your vehicle.
2. Print only the pages for your vehicle using the advanced options in the Print menu.
3. Install your Maestro RR according to the guide for your vehicle.

WARNING

Pressing the printer icon or "quick printing" this document will print all of the guides in this compilation.

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

INSTALL GUIDE
FORD MUSTANG BASE 2010-2012

RETAINS STEERING WHEEL CONTROLS SYNC COMMANDS, SYNC BT AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro MUS1 Dash Kit

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-DS2

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WELCOME

Congratulations on the purchase of your iDatalink Maestro RR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro RR will only retain functionalities that were originally available in the vehicle.

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NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support
www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the MUS1 dash kit and the aftermarket radio.
- Insert the storage pocket into the backside of the MUS1 radio panel and secure it with the screws included in the dash kit. (1.1)
- Choose 3 button covers and secure them onto the button bar (1.2 & 1.3)
- Secure the MUS1 steel radio brackets to the aftermarket radio using the screws included with the aftermarket radio. (1.4)

  NOTE: To replace a button cover, unscrew the button bar from the backside of the dash kit and remove the button cover carefully.

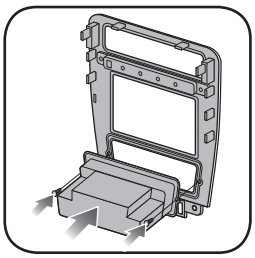

Fig. 1.1

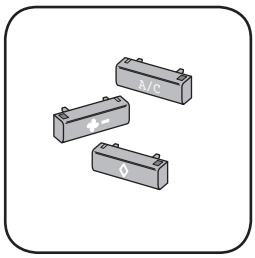

Fig. 1.2

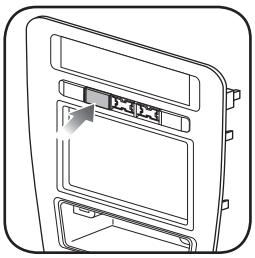

Fig. 1.3

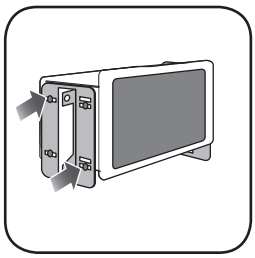

Fig. 1.4

STEP 2

(with SYNC only)

- Unscrew and remove the 4 screws located underthe glove box then open and remove the glove box carefully. (2.1 & 2.2)
- Locate the SWI 2 wire in the vehicle SYNC harness: small gauge BLUE/ORANGE wire. Warning: a bigger gauge blue/red wire is located in the harness.) (2.3-2.5)
- Use a multimeter to test the SWI 2 wire.
- Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button. Once the SWI 2 wire is located and tested, go to the next step.

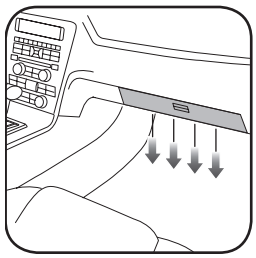

Fig. 2.1

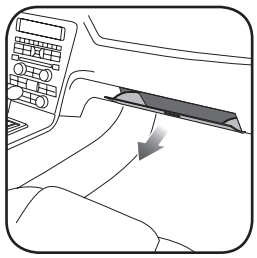

Fig. 2.2

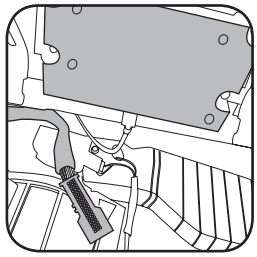

Fig. 2.3

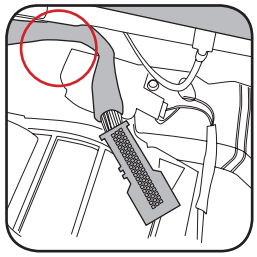

Fig. 2.4

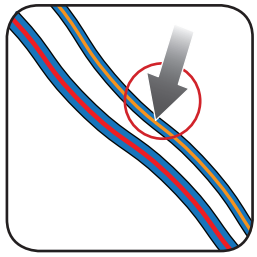

Fig. 2.5

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INSTALLATION INSTRUCTIONS

STEP 3

- Remove the shifter cover then remove the central console cover carefully. (3.1, 3.2)
- Unscrew and remove the original radio panel. The plug from this panel will not be reused. (3.3)
- Disconnect the factory radio and keep its factory harness accessible for later use. (3.4)

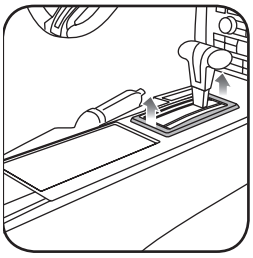

Fig. 3.1

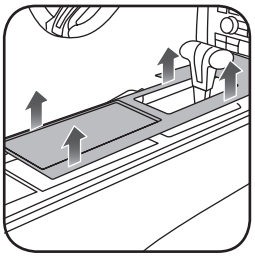

Fig. 3.2

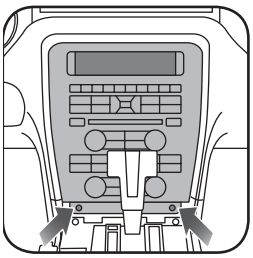

Fig. 3.3

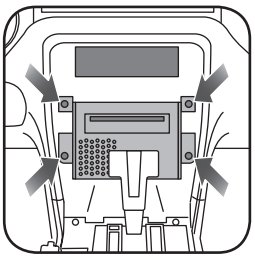

Fig. 3.4

STEP 4

- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the MUS1 T-harness and match the wire colors. (Refer to Diagram)

STEP 5

(with SYNC only)

- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of MUS1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 6

- Connect the factory harness to the MUS1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 7

- Access the OBDII connector located under the driver side dashboard.
- Connect the RED/BROWN wire of MUS1 T-harness to WHITE/BLUE wire of the OBDII connector located at pin 6.
- Connect the YELLOW/BROWN wire of MUS1 T-harness to the WHITE wire of the OBDII connector located at pin 14.

STEP 8

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

  NOTES:

  The RCA connectors labeled SUB IN are not used.

  The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 9

- Secure the aftermarket radio in the dashboardhousing.
- Connect all the harnesses to the Maestro RR module.

STEP 10

- Connect all the harnesses to the MUS1 radio panel then program the module.

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INSTALLATION INSTRUCTIONS

MODULE PROGRAMMING

- Open the vehicle driver door, insert the key into the ignition and turn it to the ACC position.
- The OEM Bluetooth is OFF by default. To activate it, go to the radio screen, scroll down to FORD SETUP, press SET, go to the OEM Bluetooth and press ON, then Press the BACK button (circular shaped arrow).
- Scroll down, press FINISH and wait. Press START, then press NEXT.
- Now follow the radio screen instructions while performing the following steps: Turn the key to the OFF position, then to the ACC position, turn it back to the OFF position, then to the ACC position.

  The module is now programmed and ready to be used. To access the new menus, press on FORD FEATURES.
- Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will fl ash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

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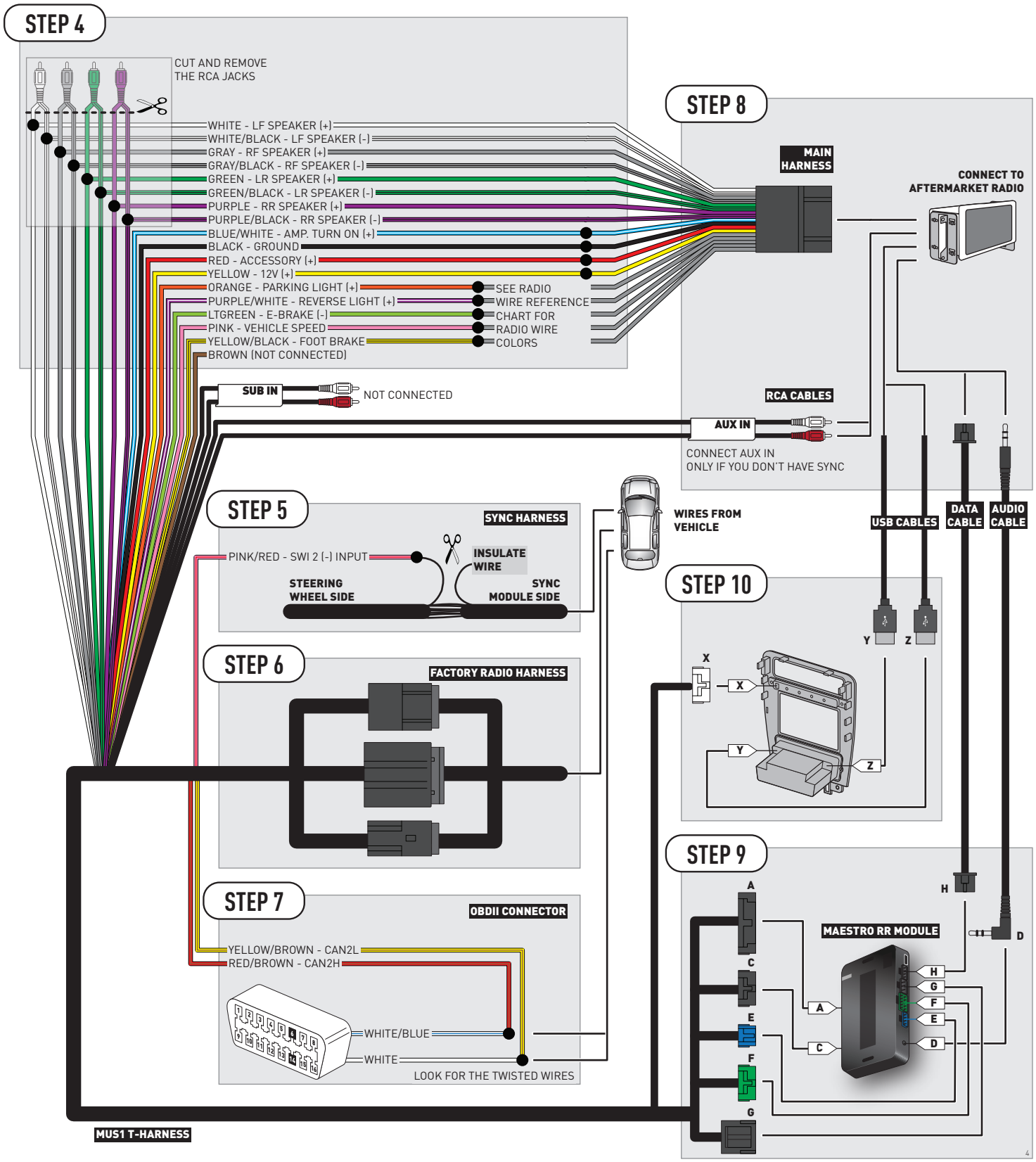
WIRING DIAGRAM



VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Module Location	Component Locator
Can2H	OBDII	~	16 pin	06	White/Blue	(DATA)	OBDII connector, under driver side dash	~
Can2L	OBDII	~	16 pin	14	White	(DATA)	OBDII connector, under driver side dash	~
SWI 2	~	~	~	~	Blue/Orange	(MUX)	Sync unit, behind glove box	~

RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable
Parking Light	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

INSTALL GUIDE
FORD MUSTANG
SHAKER 500 & 1000 2010-2012

RETAINS STEERING WHEEL CONTROLS SYNC COMMANDS, SYNC BT AND MORE!

PRODUCTS REQUIRED
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iDatalink Maestro MUS1 Dash Kit

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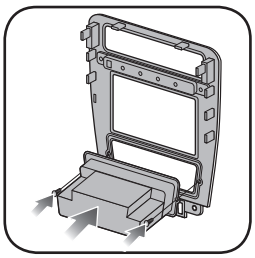

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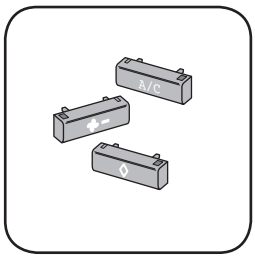
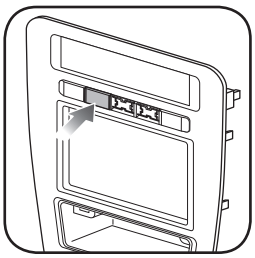


Fig. 1.2



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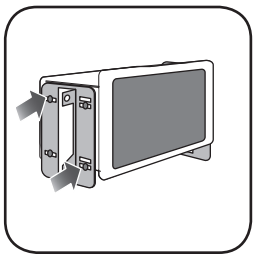

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STEP 2

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- Unscrew and remove the 4 screws located underthe glove box then open and remove the glove box carefully. (2.1 & 2.2)
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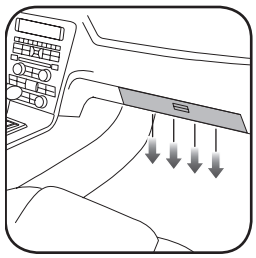
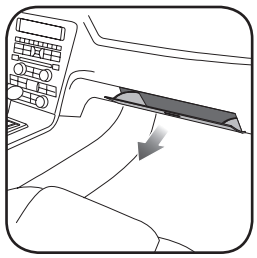


Fig. 2.1



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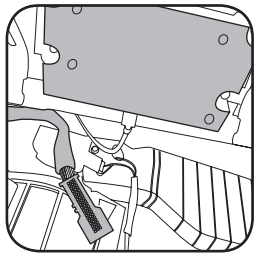

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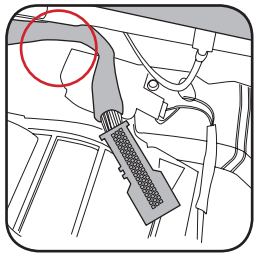

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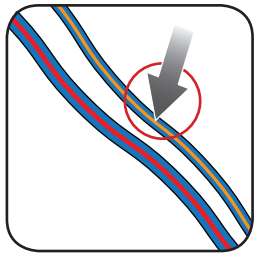

Fig. 2.5

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INSTALLATION INSTRUCTIONS

STEP 3

- Remove the shifter cover then remove the central console cover carefully. (3.1, 3.2)
- Unscrew and remove the original radio panel. The plug from this panel will not be reused. (3.3)
- Disconnect the factory radio and keep its factory harness accessible for later use. (3.4)

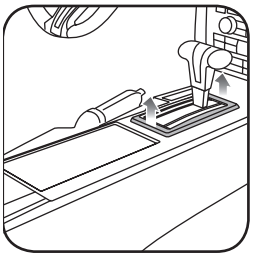


Fig. 3.1

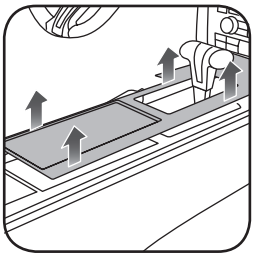
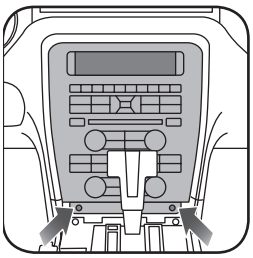


Fig. 3.2



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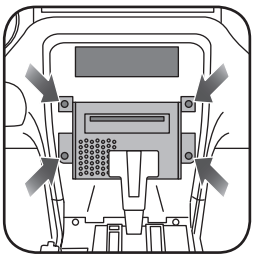

Fig. 3.4

STEP 4

- Cut the WHITE, GRAY, GREEN and PURPLE RCA tips. Connect every wire to the aftermarket radio main harness and match the wire colors.
- Connect every wire from the aftermarket radio main harness to the MUS1 T-harness and match the wire colors. (Refer to Diagram)

STEP 5

(with SYNC only)

- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of MUS1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 6

- Connect the factory harness to the MUS1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

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- Access the OBDII connector located under the driver side dashboard.
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STEP 8

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the subwoofer channel of the factory amplifier. The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 9

- Secure the aftermarket radio in the dashboardhousing.
- Connect all the harnesses to the Maestro RR module.

STEP 10

- Connect all the harnesses to the MUS1 radio panel then program the module.

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INSTALLATION INSTRUCTIONS

MODULE PROGRAMMING

- Open the vehicle driver door, insert the key into the ignition and turn it to the ACC position.
- The OEM Bluetooth is OFF by default. To activate it, go to the radio screen, scroll down to FORD SETUP, press SET, go to the OEM Bluetooth and press ON, then Press the BACK button (circular shaped arrow).
- Scroll down, press FINISH and wait. Press START, then press NEXT.
- Now follow the radio screen instructions while performing the following steps: Turn the key to the OFF position, then to the ACC position, turn it back to the OFF position, then to the ACC position.

  The module is now programmed and ready to be used. To access the new menus, press on FORD FEATURES.
- Test all the functionalities then reassemble the dashboard carefully.

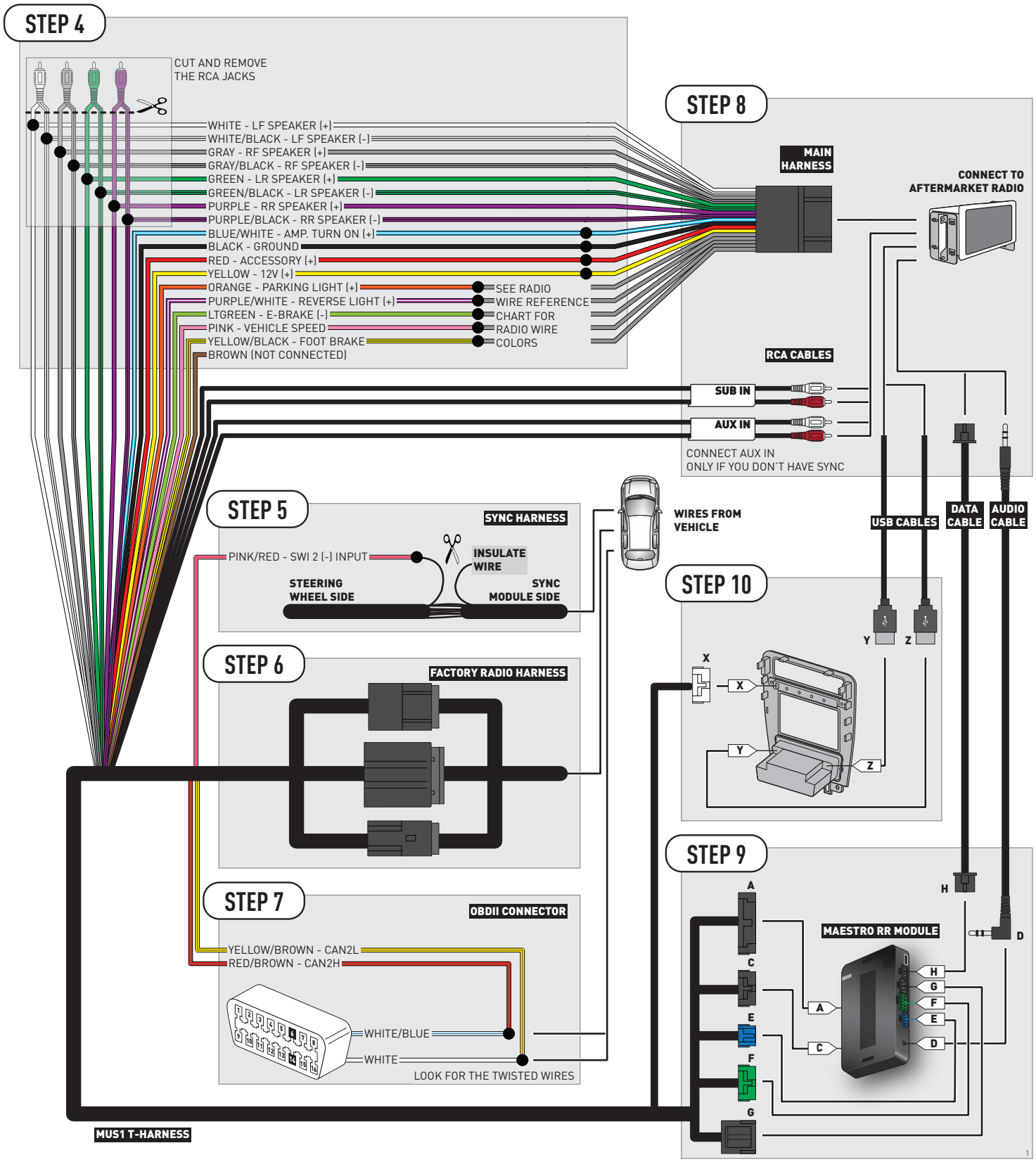
TROUBLESHOOTING TIPS

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will fl ash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

1

WIRING DIAGRAM



VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Module Location	Component Locator
Can2H	OBDII	~	16 pin	06	White/Blue	(DATA)	OBDII connector, under driver side dash	~
Can2L	OBDII	~	16 pin	14	White	(DATA)	OBDII connector, under driver side dash	~
SWI 2	~	~	~	~	Blue/Orange	(MUX)	Sync unit, behind glove box	~

RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable
Parking Light	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

INSTALL GUIDE
FORD MUSTANG BASE 2013-2014

RETAINS STEERING WHEEL CONTROLS SYNC COMMANDS, SYNC BT AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro MUS1 Dash Kit

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-DS2

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

WELCOME

Congratulations on the purchase of your iDatalink Maestro RR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro RR will only retain functionalities that were originally available in the vehicle.

TABLE OF CONTENTS

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support
www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the MUS1 dash kit and the aftermarket radio.
- Insert the storage pocket into the backside of the MUS1 radio panel and secure it with the screws included in the dash kit. (1.1)
- Choose 3 button covers and secure them onto the button bar (1.2 & 1.3)
- Secure the MUS1 steel radio brackets to the aftermarket radio using the screws included with the aftermarket radio. (1.4)

  NOTE: To replace a button cover, unscrew the button bar from the backside of the dash kit and remove the button cover carefully.

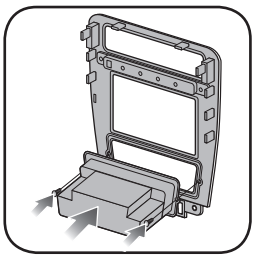


Fig. 1.1

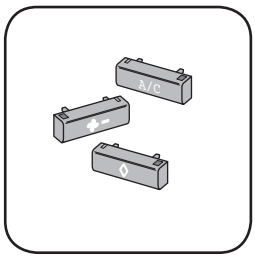


Fig. 1.2

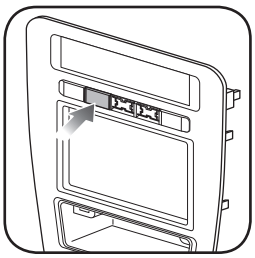


Fig. 1.3

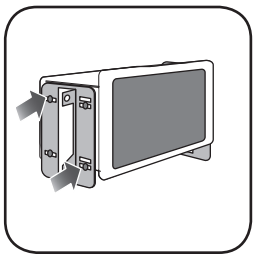


Fig. 1.4

STEP 2

(with SYNC only)

- Unscrew and remove the 4 screws located underthe glove box then open and remove the glove box carefully. (2.1 & 2.2)
- Locate the SWI 2 wire in the vehicle SYNC harness: small gauge BLUE/ORANGE wire. Warning: a bigger gauge blue/red wire is located in the harness.) (2.3-2.5)
- Use a multimeter to test the SWI 2 wire.
- Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button. Once the SWI 2 wire is located and tested, go to the next step.

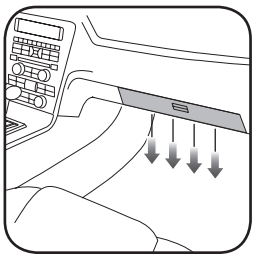


Fig. 2.1

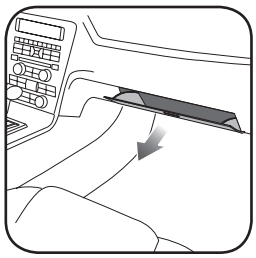


Fig. 2.2

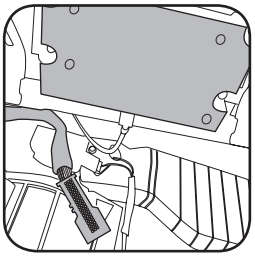


Fig. 2.3

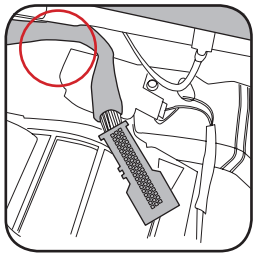


Fig. 2.4

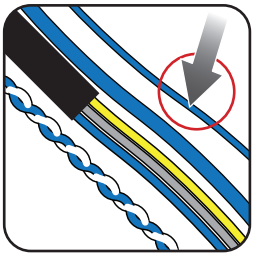


Fig. 2.5

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INSTALLATION INSTRUCTIONS

STEP 3

- Remove the shifter cover then remove the central console cover carefully. (3.1, 3.2)
- Unscrew and remove the original radio panel. The plug from this panel will not be reused. (3.3)
- Disconnect the factory radio and keep its factory harness accessible for later use. (3.4)

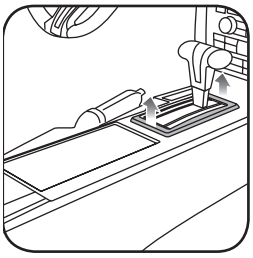

Fig. 3.1

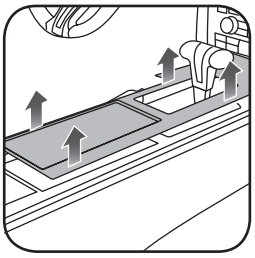

Fig. 3.2

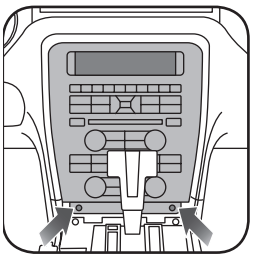

Fig. 3.3

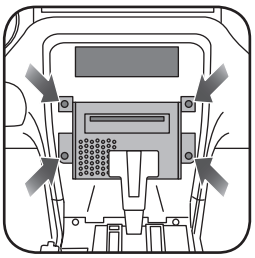

Fig. 3.4

STEP 4

- Connect the WHITE, GRAY, GREEN and PURPLE RCA connectors to the low level outputs of the aftermarket radio.
- Connect every wire from the aftermarket radio main harness to the MUS1 T-harness and match the wire colors. (Refer to Diagram)

STEP 5

(with SYNC only)

- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of MUS1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 6

- Connect the factory harness to the MUS1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 7

- Access the OBDII connector located under the driver side dashboard.
- Connect the RED/BROWN wire of MUS1 T-harness to WHITE/BLUE wire of the OBDII connector located at pin 6.
- Connect the YELLOW/BROWN wire of MUS1 T-harness to the WHITE wire of the OBDII connector located at pin 14.

STEP 8

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

  NOTES:

  The RCA connectors labeled SUB IN are not used.

  The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 9

- Secure the aftermarket radio in the dashboardhousing.
- Connect all the harnesses to the Maestro RR module.

STEP 10

- Connect all the harnesses to the MUS1 radio panel then program the module.

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INSTALLATION INSTRUCTIONS

MODULE PROGRAMMING

- Open the vehicle driver door, insert the key into the ignition and turn it to the ACC position.
- The OEM Bluetooth is OFF by default. To activate it, go to the radio screen, scroll down to FORD SETUP, press SET, go to the OEM Bluetooth and press ON, then Press the BACK button (circular shaped arrow).
- Scroll down, press FINISH and wait. Press START, then press NEXT.
- Now follow the radio screen instructions while performing the following steps: Turn the key to the OFF position, then to the ACC position, turn it back to the OFF position, then to the ACC position.

  The module is now programmed and ready to be used. To access the new menus, press on FORD FEATURES.
- Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will fl ash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

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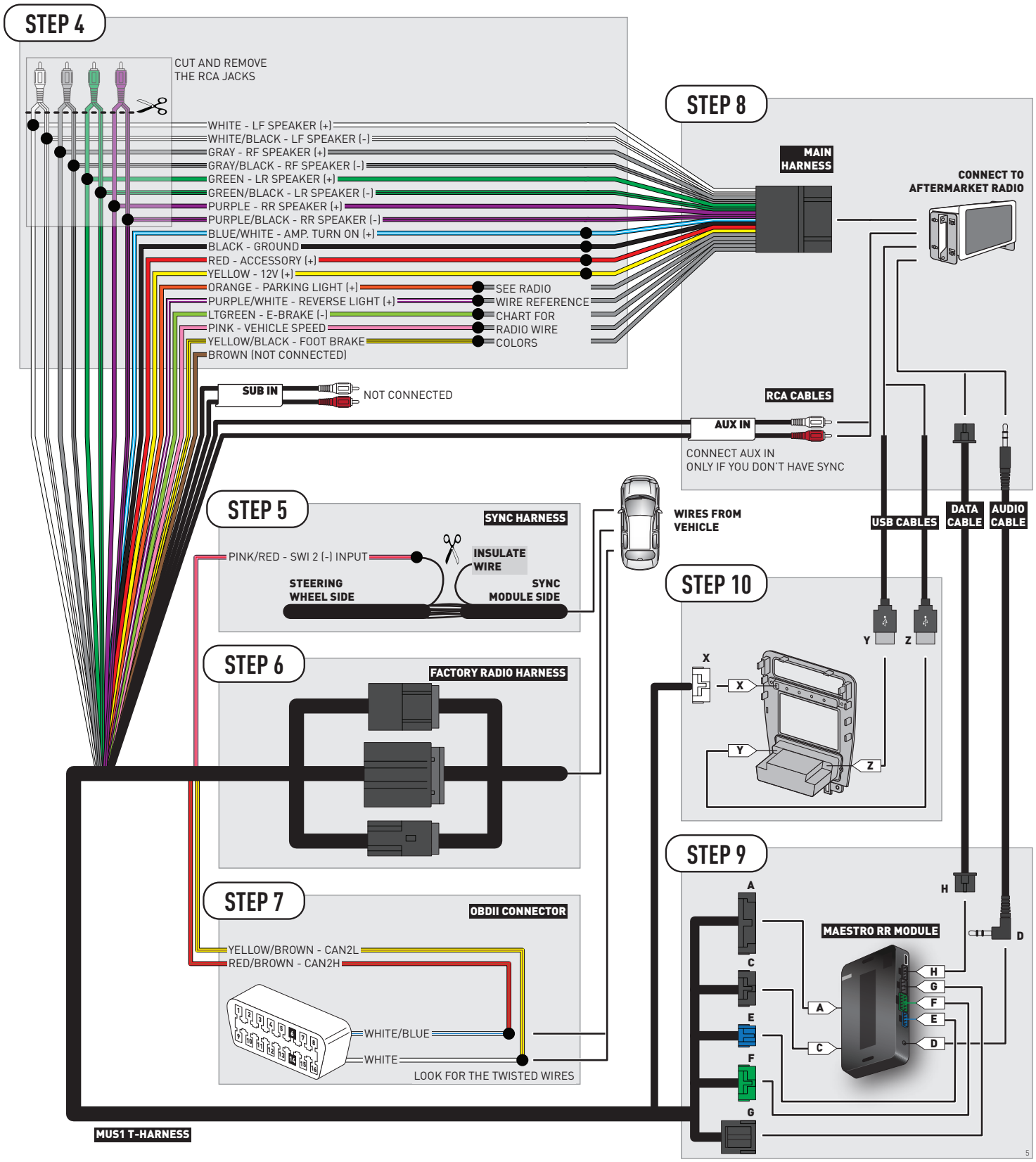
WIRING DIAGRAM



VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Module Location	Component Locator
Can2H	OBDII	~	16 pin	06	White/Blue	(DATA)	OBDII connector, under driver side dash	~
Can2L	OBDII	~	16 pin	14	White	(DATA)	OBDII connector, under driver side dash	~
SWI 2	~	~	~	~	Blue	(MUX)	SYNC unit, behind glove box	~

RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable
Parking Light	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

INSTALL GUIDE
FORD MUSTANG SHAKER 2013-2014

RETAINS STEERING WHEEL CONTROLS SYNC COMMANDS, SYNC BT AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro MUS1 Dash Kit

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-DS2

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

WELCOME

Congratulations on the purchase of your iDatalink Maestro RR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro RR will only retain functionalities that were originally available in the vehicle.

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1 866 427-2999

support@idatalink.com

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www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the MUS1 dash kit and the aftermarket radio.
- Insert the storage pocket into the backside of the MUS1 radio panel and secure it with the screws included in the dash kit. (1.1)
- Choose 3 button covers and secure them onto the button bar (1.2 & 1.3)
- Secure the MUS1 steel radio brackets to the aftermarket radio using the screws included with the aftermarket radio. (1.4)

  NOTE: To replace a button cover, unscrew the button bar from the backside of the dash kit and remove the button cover carefully.

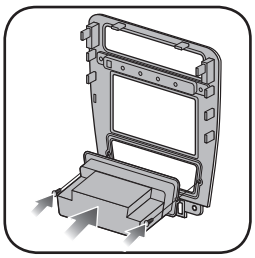

Fig. 1.1

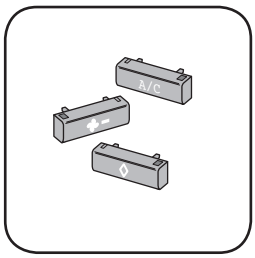

Fig. 1.2

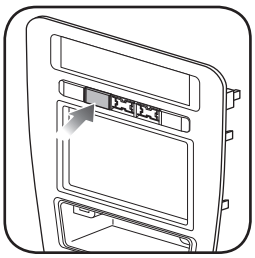

Fig. 1.3

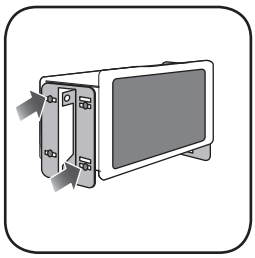

Fig. 1.4

STEP 2

(with SYNC only)

- Unscrew and remove the 4 screws located underthe glove box then open and remove the glove box carefully. (2.1 & 2.2)
- Locate the SWI 2 wire in the vehicle SYNC harness: small gauge BLUE/ORANGE wire. Warning: a bigger gauge blue/red wire is located in the harness.) (2.3-2.5)
- Use a multimeter to test the SWI 2 wire.
- Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button. Once the SWI 2 wire is located and tested, go to the next step.

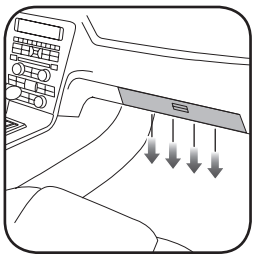

Fig. 2.1

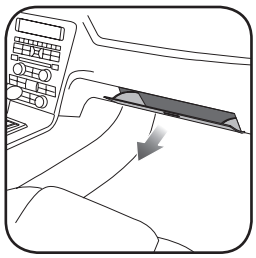

Fig. 2.2

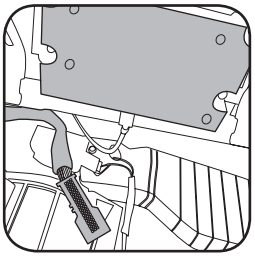

Fig. 2.3

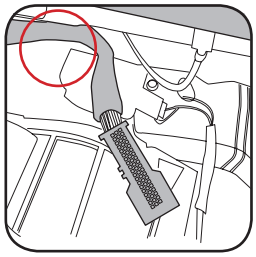

Fig. 2.4

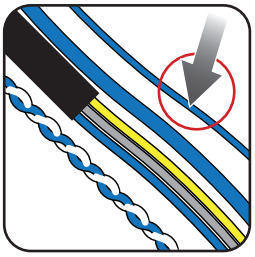

Fig. 2.5

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INSTALLATION INSTRUCTIONS

STEP 3

- Remove the shifter cover then remove the central console cover carefully. (3.1, 3.2)
- Unscrew and remove the original radio panel. The plug from this panel will not be reused. (3.3)
- Disconnect the factory radio and keep its factory harness accessible for later use. (3.4)

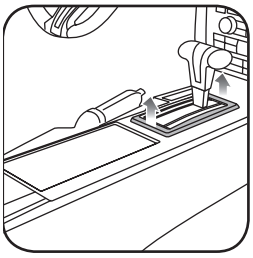


Fig. 3.1

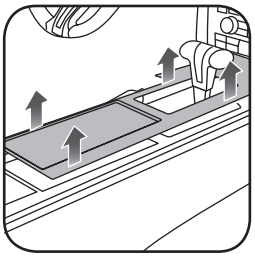
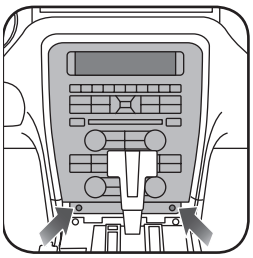


Fig. 3.2



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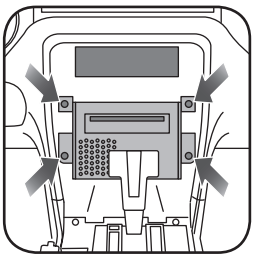

Fig. 3.4

STEP 4

- Connect the WHITE, GRAY, GREEN and PURPLE RCA connectors to the low level outputs of the aftermarket radio.
- Connect every wire from the aftermarket radio main harness to the MUS1 T-harness and match the wire colors. (Refer to Diagram)

STEP 5

(with SYNC only)

- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of MUS1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 6

- Connect the factory harness to the MUS1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 7

- Access the OBDII connector located under the driver side dashboard.
- Connect the RED/BROWN wire of MUS1 T-harness to WHITE/BLUE wire of the OBDII connector located at pin 6.
- Connect the YELLOW/BROWN wire of MUS1 T-harness to the WHITE wire of the OBDII connector located at pin 14.

STEP 8

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

  NOTES:

  The RCA connectors labeled SUB IN are not used

  The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 9

- Secure the aftermarket radio in the dashboardhousing.
- Connect all the harnesses to the Maestro RR module.

STEP 10

- Connect all the harnesses to the MUS1 radio panel then program the module.

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INSTALLATION INSTRUCTIONS

MODULE PROGRAMMING

- Open the vehicle driver door, insert the key into the ignition and turn it to the ACC position.
- The OEM Bluetooth is OFF by default. To activate it, go to the radio screen, scroll down to FORD SETUP, press SET, go to the OEM Bluetooth and press ON, then Press the BACK button (circular shaped arrow).
- Scroll down, press FINISH and wait. Press START, then press NEXT.
- Now follow the radio screen instructions while performing the following steps: Turn the key to the OFF position, then to the ACC position, turn it back to the OFF position, then to the ACC position.

  The module is now programmed and ready to be used. To access the new menus, press on FORD FEATURES.
- Test all the functionalities then reassemble the dashboard carefully.

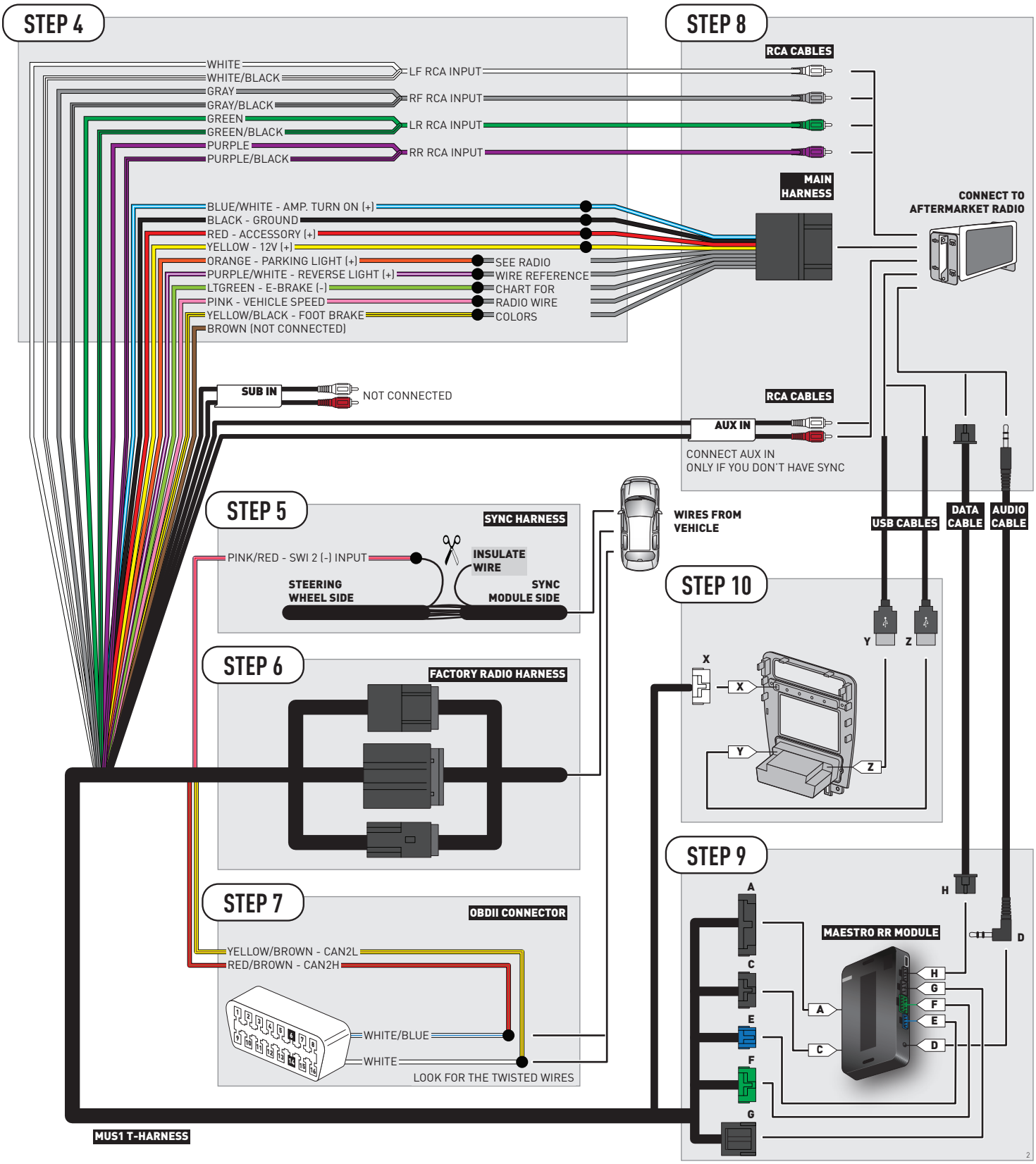
TROUBLESHOOTING TIPS

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will fl ash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.

- For technical assistance call 1-866-427-2999 or e-mail "support@idatalink.com". Visit us at "maestro.idatalink.com/support" and "www.12voltdata.com/forum/"

1

WIRING DIAGRAM



VEHICLE WIRE REFERENCE CHART

Wire Description	Connector Name	Connector Color	Connector Type	Position	Wire Color	Polarity	Module Location	Component Locator
Can2H	OBDII	~	16 pin	06	White/Blue	(DATA)	OBDII connector, under driver side dash	~
Can2L	OBDII	~	16 pin	14	White	(DATA)	OBDII connector, under driver side dash	~
SWI 2	~	~	~	~	Blue	(MUX)	SYNC unit, behind glove box	~

RADIO WIRE REFERENCE CHART

Wire Description	Polarity	Wire Color on Maestro T-Harness	Wire Color on Alpine cable	Wire Color on Kenwood cable	Wire Color on Pioneer cable
Parking Light	(+)	Orange	N/A	Orange/White	Orange/White
Reverse Light	(+)	Purple/White	Orange/White	Purple/White	Purple/White
E-Brake	(-)	Lt Green	Yellow/Blue	Lt Green	Lt Green
Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

INSTALL GUIDE
FORD MUSTANG SHAKER PRO 2013-2014

RETAINS STEERING WHEEL CONTROLS SYNC COMMANDS, SYNC BT AND MORE!

PRODUCTS REQUIRED
iDatalink Maestro RR Radio Replacement Interface
iDatalink Maestro MUS1 Dash Kit

OPTIONAL ACCESSORIES
None

PROGRAMMED FIRMWARE
ADS-RR(SR)-FOR01-DS2

NOTICE: Automotive Data Solutions Inc. (ADS) recommends having this installation performed by a certified technician. Logos and trademarks used here in are the properties of their respective owners.

WELCOME

Congratulations on the purchase of your iDatalink Maestro RR Radio replacement solution. You are now a few simple steps away from enjoying your new car radio with enhanced features.

Before starting your installation, please ensure that your iDatalink Maestro module is programmed with the correct firmware for your vehicle and that you carefully review the install guide.

Please note that Maestro RR will only retain functionalities that were originally available in the vehicle.

TABLE OF CONTENTS

NEED HELP?

1 866 427-2999

support@idatalink.com

maestro.idatalink.com/support
www.12voltdata.com/forum

INSTALLATION INSTRUCTIONS

STEP 1

- Unbox the MUS1 dash kit and the aftermarket radio.
- Insert the storage pocket into the backside of the MUS1 radio panel and secure it with the screws included in the dash kit. (1.1)
- Choose 3 button covers and secure them onto the button bar (1.2 & 1.3)
- Secure the MUS1 steel radio brackets to the aftermarket radio using the screws included with the aftermarket radio. (1.4)

  NOTE: To replace a button cover, unscrew the button bar from the backside of the dash kit and remove the button cover carefully.

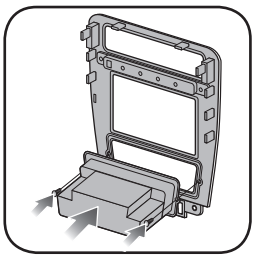


Fig. 1.1

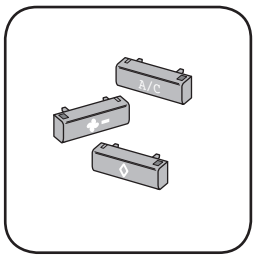


Fig. 1.2

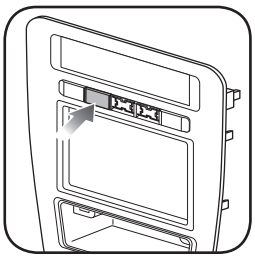


Fig. 1.3

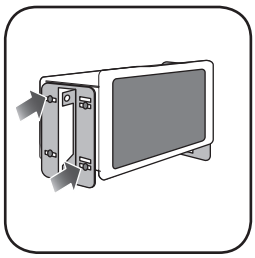


Fig. 1.4

STEP 2

(with SYNC only)

- Unscrew and remove the 4 screws located underthe glove box then open and remove the glove box carefully. (2.1 & 2.2)
- Locate the SWI 2 wire in the vehicle SYNC harness: small gauge BLUE/ORANGE wire. Warning: a bigger gauge blue/red wire is located in the harness.) (2.3-2.5)
- Use a multimeter to test the SWI 2 wire.
- Connect the BLACK test probe to ground (-) and connect the RED test probe to the wire SWI 2 wire. Have the ignition and the radio ON. If the SWI 2 wire is connected, the multimeter will display approximately 5 volts. This value will drop upon pressing the steering wheel voice, phone or OK button. Once the SWI 2 wire is located and tested, go to the next step.

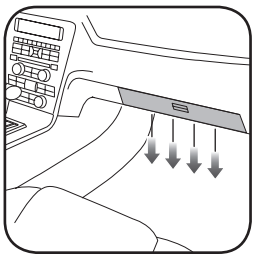


Fig. 2.1

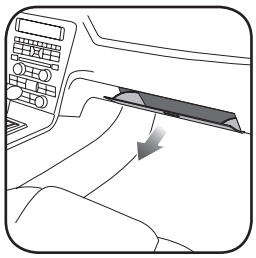


Fig. 2.2

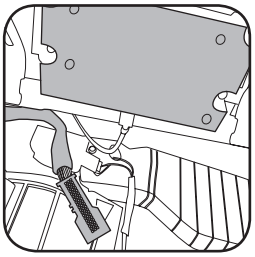


Fig. 2.3

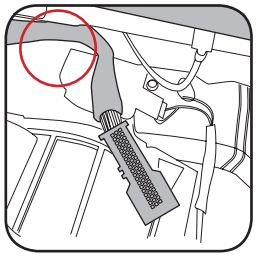


Fig. 2.4

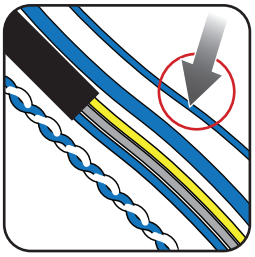


Fig. 2.5

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INSTALLATION INSTRUCTIONS

STEP 3

- Remove the shifter cover then remove the central console cover carefully. (3.1, 3.2)
- Unscrew and remove the original radio panel. The plug from this panel will not be reused. (3.3)
- Disconnect the factory radio and keep its factory harness accessible for later use. (3.4)

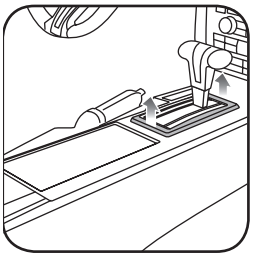

Fig. 3.1

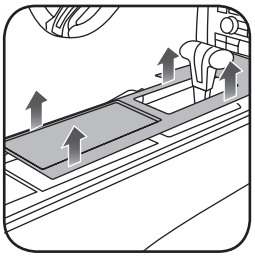

Fig. 3.2

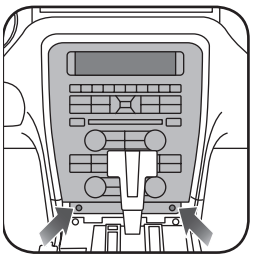

Fig. 3.3

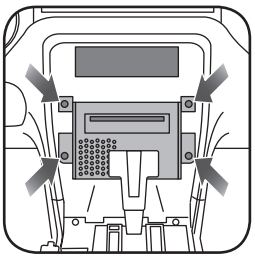

Fig. 3.4

STEP 4

- Connect the WHITE, GRAY, GREEN and PURPLE RCA connectors to the low level outputs of the aftermarket radio.
- Connect every wire from the aftermarket radio main harness to the MUS1 T-harness and match the wire colors. (Refer to Diagram)

STEP 5

(with SYNC only)

- Cut the SWI 2 INPUT wire.
- Connect the PINK/RED wire of MUS1 T-harness to the SWI 2 INPUT wire going to the steering wheel. Insulate the wire side going to the SYNC module and plug the SYNC harness into the SYNC module.

STEP 6

- Connect the factory harness to the MUS1 T-harness. Connect only the available connectors. For example, if the factory harness has two connectors, connect only these two connectors.

STEP 7

- Access the OBDII connector located under the driver side dashboard.
- Connect the RED/BROWN wire of MUS1 T-harness to WHITE/BLUE wire of the OBDII connector located at pin 6.
- Connect the YELLOW/BROWN wire of MUS1 T-harness to the WHITE wire of the OBDII connector located at pin 14.

STEP 8

- Plug the aftermarket radio harnesses into the aftermarket radio.
- Plug the Data cable to the data port of the aftermarket radio.
- Insert the Audio cable into the iDatalink 3.5 mm audio jack of the aftermarket radio.
- Insert the RCA connectors into the aftermarket radio.

NOTES:

The RCA connectors labeled SUB IN can be used to feed the factory amplifier and trunk mounted subwoofers that are part of the Shaker Pro system.

The RCA connectors labeled AUX IN can be used to connect the factory 3.5 mm audio jack, in vehicles that are NOT equipped with SYNC, to the auxiliary input of the aftermarket radio.

STEP 9

- Secure the aftermarket radio in the dashboardhousing.
- Connect all the harnesses to the Maestro RR module.

STEP 10

- Connect all the harnesses to the MUS1 radio panel then program the module.

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INSTALLATION INSTRUCTIONS

MODULE PROGRAMMING

- Open the vehicle driver door, insert the key into the ignition and turn it to the ACC position.
- The OEM Bluetooth is OFF by default. To activate it, go to the radio screen, scroll down to FORD SETUP, press SET, go to the OEM Bluetooth and press ON, then Press the BACK button (circular shaped arrow).
- Scroll down, press FINISH and wait. Press START, then press NEXT.
- Now follow the radio screen instructions while performing the following steps: Turn the key to the OFF position, then to the ACC position, turn it back to the OFF position, then to the ACC position.

  The module is now programmed and ready to be used. To access the new menus, press on FORD FEATURES.
- Test all the functionalities then reassemble the dashboard carefully.

TROUBLESHOOTING TIPS

- To reset the module back its factory settings, turn the key to the OFF position then disconnect all connectors from the module. Press and hold the module's programming button and connect all the connectors back to the module. Wait, the module's LED will fl ash RED rapidly (this may take up to 10 seconds). Release the programming button. Wait, the LED will turn solid GREEN for 2 seconds.

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1

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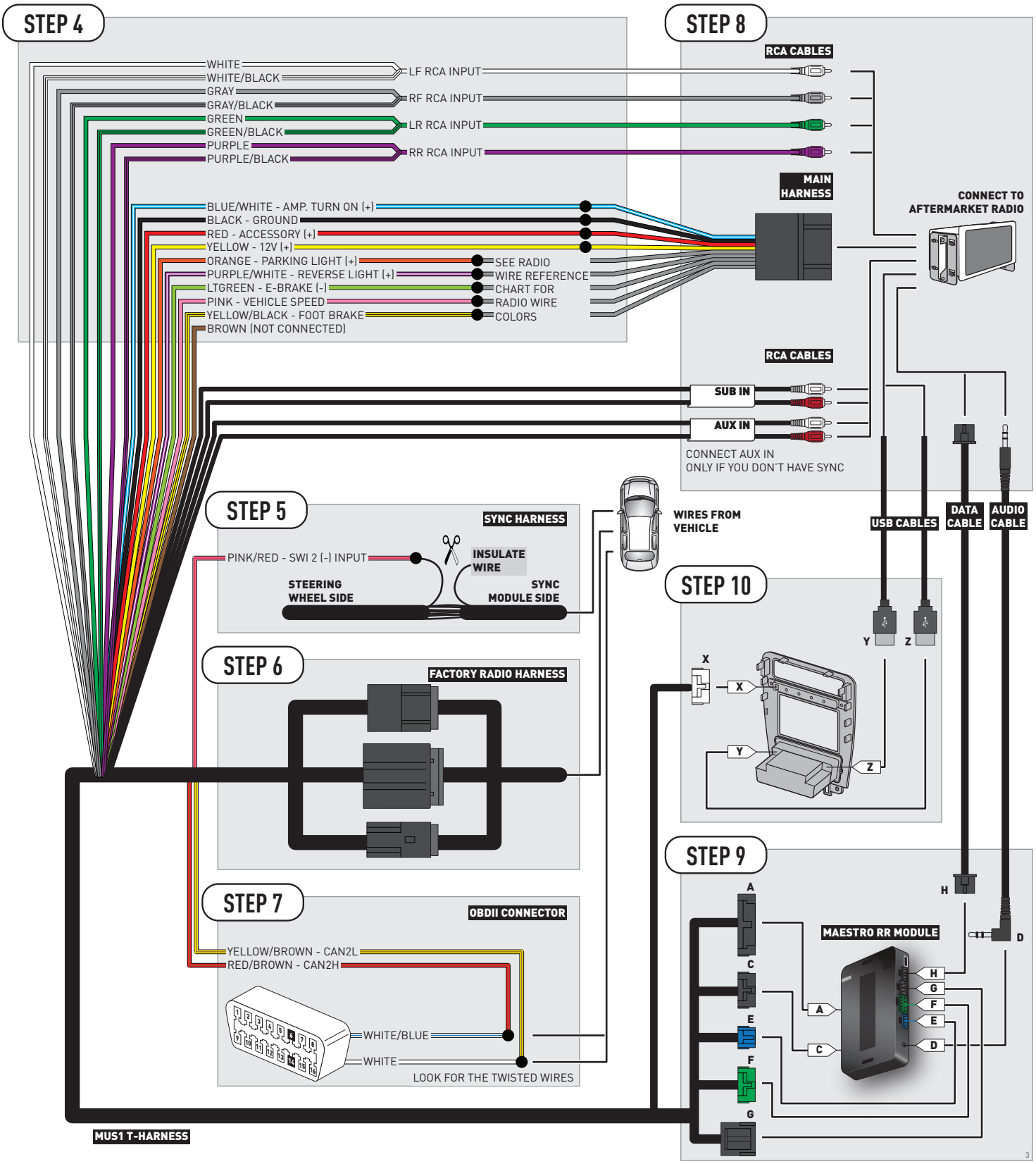

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Foot Brake	(+)	Yellow/Black	Yellow/Black	N/A	N/A
VSS (vehicle speed sensor)	(DATA)	Pink	Green/White	N/A	Pink

iDatalink maestro

INCLUDED
Inclus - *Incluido*

CAR RADIO INSTALLATION KIT

KIT D'INSTALLATION AUTORADIO

KIT DE INSTALACIÓN PARA AUTORRADIO

FORD MUSTANG 2010-2014

MUS1

Part # / No. Pièce / Nº. Pieza

ADS-KIT-MUS1

Ergonomic radio positioning provides easy access to all your touch screen controls

Le positionnement ergonomique de la radio permet un accès facile à votre écran tactile

Ubicación ergonómica del radio para un acceso fácil a la pantalla táctil

BEFORE
Avant
Antes

idatalink.com/maestro

DESIGNED IN MONTREAL, CANADA. MADE IN CHINA © ADS INC.
Conçu à Montréal, Canada. Fabriqué en Chine © ADS inc.

WHAT'S IN THE BOX

Ce qu'il y a dans la boîte - *Qué hay en la caja*

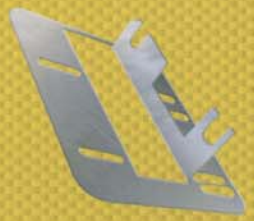
idatalink maestro

RADIO PANEL

Panneau de radio - *Panel frontal del radio*

PLUG & PLAY HARNESS

Harnais d'installation - *Arnés de cableado*



x 2

STEEL RADIO BRACKETS

Supports de radio en acier - *Soportes de acero para el radio*

x 17

BUTTON COVERS

Couvercles de boutons - *Cubre-botones*

OEM grade fit and finish

Assemblage de qualité et finition d'origine

Calidad de montaje y acabado originales

3 customizable quick access buttons

3 boutons d'accès rapide personnalisables

3 botones de acceso rápido personalizables

Control your car's temperature directly from your radio's touch screen

Contrôlez la température de votre voiture directement à partir de l'écran tactile de votre radio

Controle la temperatura de su auto directamente desde la pantalla táctil de su radio

Factory LCD displays song title, station, radio caller ID and more!

L'écran d'origine affiche le titre de la chanson, la station de radio, l'identification de l'appelant et plus!

La pantalla original identifica canciones, estaciones de radio, llamadas entrantes ¡y mucho más!

Easy access to your radio's USB ports

Accès facile aux ports USB de votre radio

Fácil acceso a los puertos USB de su radio

Convenient pocket for storage

Pochette de rangement pratique

Práctico compartimento para otros usos

USER-CONFIGURABLE BUTTON BAR

Barre de boutons configurable - *Barra de botones configurable*

CLIMATE CONTROL SCREEN
Écran de contrôle de climat
Pantalla del climatizador

15 BUTTONS TO CHOOSE FROM

Choisissez parmi 15 boutons - *Elija entre 15 botones*

REAR DEFROST
Dégivreur arrière
Desempañador posterior

HEATED SEATS
Sièges chauffants
Asientos calefactables

COOLED SEATS
Sièges climatisés
Asientos refrigerados

AIR CONDITIONING
Air climatisé
Aire acondicionado

FRONT DEFROST
Dégivreur avant
Desempañador delantero

MAX. AIR CONDITIONING
Air climatisé max.
Aire acondicionado máx.

PERFORMANCE GAUGES SCREEN
Écran de cadrans de performance
Pantalla de medidores de rendimiento

INCREASE TEMPERATURE
Augmenter température
Aumentar temperatura

DECREASE TEMPERATURE
Baisser température
Reducir temperatura

INCREASE FAN SPEED
Augmenter ventilation
Aumentar ventilación

DECREASE FAN SPEED
Réduire ventilation
Reducir ventilación

VEHICLE INFORMATION SCREEN
Écran d'information du véhicule
Pantalla de información del vehículo

GENERIC 1
Générique 1
Genérico 1

GENERIC 2
Générique 2
Genérico 2

GENERIC 3
Générique 3
Genérico 3

BLANK
Vide
Vacío